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TI The healing of hamster skin ulcers treated with n-butyl-2-
cyanoacrylate (Histoacryl blue)
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CS Dep. Anat., Univ. West. Ontario, London, ON, N6A 5C1, Can.
SO J. Biomed. Mater. Res. (1984), 18(6), 601-7
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DT Journal
LA English
CC 1-9 (Pharmacology)
AB The effectiveness of a com. available n-butyl-2-cyanoacrylated
Histoacryl blue [25154-80-7] as a local treatment for cutaneous
ulcers was examd. Two ulcers, .apprx.0.5 cm2 each, were made on the
backs of 30 hamsters. The right side was covered with a thin film
of tissue adhesive, while the left side was left untreated as a
control. Animals were sacrificed at various times post-operatively,
the tissue excised, processed, and examd. with the light microscope.
Results showed that cyanoacrylate decreased the inflammatory exudate
early in the expt., and epithelial migration occurred slightly
earlier in exptl. tissue. Scab formation was absent in exptl. sites
until the layer of adhesive was lost. After 2 days, healing was
comparable in both exptl. and control animals, and the sites were
indistinguishable histol. at day 5.
ST Histoacryl blue skin ulcer healing
IT Ulcer
(skin, healing of, Histoacryl blue effect on)
IT Skin, disease or disorder
(ulcer, healing of, Histoacryl blue effect on)
IT 25154-80-7
RL: BIOL (Biological study)
(skin ulcer healing response to)